

Datasheet

MSX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00004488-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MSX2 protein.

Immunogen: MSX2 (AAH15509.1, 1 a.a. ~ 267 a.a) full-length human protein.

Sequence:

MASPSKGNDLFSPDEEGPAVVAGPGPGGGAEGAAE
ERRVKVSSLPFSVEALMSDKKPPKEASPLPAESASAG
ATLRPLLLSGHGAREAHSPGPLVKPFETASVKSENSE
DGAAWMQEPGRYSPPPRHTSPTTCTLRKHKTNRKPR
TPFTTSQLLALERKFRQKQYLSIAERAEFSSSLNLTETQ
VKIWFQNRRAKAKRLQEALEKLKMAAKPMLPSSFSL
PFISSPLQAASIYGASYPFHRPVLPIPPVGLYATPVGY
GMYHLS

Host: Mouse

Reactivity: Human

Applications: IF, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4488

Gene Symbol: MSX2

Gene Alias: CRS2, FPP, HOX8, MSH, PFM, PFM1

Gene Summary: This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and

apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq]